

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
-	499	717/100	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 09:55
-	223	717/101	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:49
-	89	717/102	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:49
-	97	717/103	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:49
-	319	717/120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 10:41
-	57	717/123	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:50
-	5349	((developer or designer) near3 (software or component or application or api or code or program)) and (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) and (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:54
-	707	((developer or designer) near3 (software or component or application or api or code or program)) and (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) and (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)) and 717/1??	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:55
-	584	((developer or designer) near3 (software or component or application or api or code or program))same (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) same (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:43
-	106	((developer or designer) near3 (software or component or application or api or code or program))same (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) same (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)) and 717/1??	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 08:55
-	99	((developer or designer) near3 (software or component or application or api or code or program))same (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) same (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)) and 717/1?? not ((international and business).as.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 10:40
-	26	6016394.URPN.	USPAT	2004/09/15 10:14
-	11	6170081.URPN.	USPAT	2004/09/15 10:22
-	20	("4528644" "4827404" "4831526" "4949253" "5038296" "5353401" "5381534" "5381548" "5423041" "5437027" "5485601" "5485610" "5495567" "5504885" "5566330" "5586314" "5615379" "5819090" "5819251" "5830065").PN.	USPAT	2004/09/15 10:25
-	18	5485601.URPN.	USPAT	2004/09/15 10:32

	845	717/12? and (develop\$4 or build) and (target or client or environment) and (monitor\$3 or violat\$4 or debug\$5 or analysis or analyz\$3) and (control or condition or guideline or enforc\$3 or constraint or requirement or policy or parameter) and (hardware and software)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 10:45
	643	717/12? and (develop\$4 or build) and (target or client or environment) and (monitor\$3 or violat\$4 or debug\$5 or analysis or analyz\$3) and (control or condition or guideline or enforc\$3 or constraint or requirement or policy or parameter) and (hardware and software) and (report\$3 or notification or notify or alert or messag\$3 or advising)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 10:45
	59	717/12? and (develop\$4 or build) same (target or client or environment) and (monitor\$3 or violat\$4 or debug\$5 or analysis or analyz\$3) same (control or condition or guideline or enforc\$3 or constraint or requirement or policy or parameter) same (hardware and software) and (report\$3 or notification or notify or alert or messag\$3 or advising)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:53
	20	("4484294" "4568866" "4796179" "5055755" "5086385" "5404288" "5546301" "5838563" "5971581" "6026352" "6076952" "6106569" "6119125" "6134706" "6154680" "6195591" "6226792" "6259958" "6425119" "6477439").PN.	USPAT	2004/09/15 11:11
	1	("5828824" "2001/0034880" "2001/0042226" "2002/0004933" "2002/0087948").PN.	USPAT	2004/09/15 11:25
	0	6708290.URPN.	USPAT	2004/09/15 11:25
	15	5771385.URPN.	USPAT	2004/09/15 11:44
	22	5715387.URPN.	USPAT	2004/09/15 11:52
	6	("5911075" "5961610" "6145119").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:59
	1	6145119.URPN.	USPAT	2004/09/15 14:55
	18	("5168441" "5179698" "5193182" "5193183" "5195178" "5241645" "5249300" "5706502" "5737599" "5752244" "5754782" "5761499" "5787431" "5787437" "5842020" "5850548" "5857197" "5966702").PN.	USPAT	2004/09/15 14:55
	5	development same (partition near3 image) and target	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:00
	22	development same (emulate near3 target)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:18
	4051	build\$3 and (partition and image)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:24
	127	build\$3 and (partition and image) and 717/???	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:37
	122	build\$3 and (partition and image) and 717/??? and (client or customer or contract or constraint or profile or condition or (statement near2 work) or (control adj information) or developer or violation or violated or verify or verification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:44
	374	"717" and (notify or notification or report\$3) near3 (developer or designer or customer or client)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:46

	0	"717" and (notify or notification or report\$3) near3 (developer or designer or customer or client) and ("statement of work")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:46
	0	"717" and (notify or notification or report\$3) near3 (developer or designer or customer or client) and (work adj order) and server adj profile	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:47
	9	"717" and (notify or notification or report\$3) near3 (developer or designer or customer or client) and (work adj order)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:49
	61	"717" and (work adj (order or statement or contract))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:50
	23	717/??? and (work adj (order or statement or contract))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:56
	144	statement near2 work and development	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:43
	192	((statement near2 work) or proposal or contract) same (hardware and software) and development	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:43
	169	((statement near2 work) or proposal or contract) same (hardware and software) and development and (complian\$2 or constrain\$3 or conditions or requirement or policy or guideline or validat\$3 or verification or verify)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 16:37
	124	dell.as. and build near3 order	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 09:59
	2182	configur\$5 same install\$5 same software same hardware	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 10:02
	2	configur\$5 same install\$5 same software same hardware same (software adj developer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 10:01
	57	configur\$5 same install\$5 same software same hardware and (software adj developer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 10:02
	732	assess\$4 near3 (software or (engineering adj process))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:25

	3	assess\$4 near3 (custom\$7 near3 configur\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:19
	2	6064982.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:19
-	29764	assess\$4 near3 (software or (engineering adj process)) aand 700/???	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:25
-	29771	assess\$4 near3 (software or (engineering adj process)) aand 700/???	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:25
-	19	assess\$4 near3 (software or (engineering adj process)) and 700/???	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:39
-	6	assess\$4 near3 (software or (engineering adj process)) and 700/??? and (developer or engineer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:41
-	6	assess\$4 near3 (software or (engineering adj process)) and 700/??? and (developer or engineer) and (fault\$3 or error or correction or violat\$3 or condition or constraint) and (report or notice or notification or alert\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 11:46
-	1	assess\$4 near3 (software or (engineering adj process)) and 700/??? and (developer or engineer) and (fault\$3 or error or correction or violat\$3 or condition or constraint) and (report or notice or notification or alert\$3) and (customer or user or purchaser) and (contract or sow or (work adj order) or (statement near2 work)) and server and network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:37
-	0	6738736.URPN.	USPAT	2004/09/20 11:53
-	6	("5630069" "5953707" "6313752" "6336138" "6415196" "6542854").PN.	USPAT	2004/09/20 11:53
-	37	5630069.URPN.	USPAT	2004/09/20 12:08
-	2236	(development adj environment) and developer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:37
-	168	(development adj environment) and (delegat\$3 or assign\$3 or task\$3) near3 developer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:38
-	920	(event or messag\$3) near5 (violat\$4) and (report or notice or notify or alert\$3 or notification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:39
-	84	issue\$3 near3 (report\$3 near3 (client or purchaser or buyer or customer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:40

	1	((development adj environment) and (delegat\$3 or assign\$3 or task\$3) near3 developer) and ((event or messag\$3) near5 (violat\$4) and (report or notice or notify or alert\$3 or notification))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:41
	1	((development adj environment) and (delegat\$3 or assign\$3 or task\$3) near3 developer) and (issue\$3 near3 (report\$3 near3 (client or purchaser or buyer or customer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:42
	3	((event or messag\$3) near5 (violat\$4) and (report or notice or notify or alert\$3 or notification)) and (issue\$3 near3 (report\$3 near3 (client or purchaser or buyer or customer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:42
	584	((developer or designer) near3 (software or component or application or api or code or program))same (customer or client or target) and (report\$3 or notify or notification or contract\$3 or alert\$3 or alarm\$3 or contact\$3) same (repair\$3 or chang\$3 or correct\$3 or improv\$4 or modify\$3 or modification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:43
	144	statement near2 work and development	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:43
	195	((statement near2 work) or proposal or contract) same (hardware and software) and development	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:44
	9	((development adj environment) and (delegat\$3 or assign\$3 or task\$3) near3 developer) and (statement near2 work and development)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:45
	7	((development adj environment) and (delegat\$3 or assign\$3 or task\$3) near3 developer) and (((statement near2 work) or proposal or contract) same (hardware and software) and development)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:45
	34	((development adj environment) and developer) and (statement near2 work and development)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 12:47
	8	("5768500" "6195748" "6237073" "6192516").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 17:22
	2	6233600.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/20 17:22
	9	("6282711" "6502194" "6718549" "6094679").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:03
	10	6282711.URPN.	USPAT	2004/09/27 09:59

	1	("6282711" "6502194" "6718549" "6094679").pn. and (notice or notification or notify or alert or report\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:04
	323	issu\$3 near3 ((report or notice or message or alert) near3 (customer or client))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:06
	106	issu\$3 near3 ((report or notice or message or alert) near3 (customer or client)) same (error or fault or constraint or status or violation or condition)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:08
	50	issu\$3 near3 ((report or notice or message or alert) near3 (customer or client)) same (error or fault or constraint or status or violation or condition) and develop\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:09
	50	issu\$3 near3 ((report or notice or message or alert) near3 (customer or client)) same (error or fault or constraint or status or violation or condition) and develop\$4 and ((updat\$3 near3 profile) or correct\$3 or chang\$3 or problem)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:25
	56	6012152.URPN.	USPAT	2004/09/27 10:16
	933	(generat\$3 or send\$3 or produc\$3 or issu\$3) near3 ((report or notice or message or alert or warning) near3 (customer or client or target or end-user or user)) same (error or fault or constraint or status or violation or condition or criteria or performance) and ((develop\$4 or build) near3 (software or application or program or target)) and ((updat\$3 near3 profile) or correct\$3 or chang\$3 or problem)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:29
	67	(generat\$3 or send\$3 or produc\$3 or issu\$3) near3 ((report or notice or message or alert or warning) near3 (customer or client or target or end-user or user)) same (error or fault or constraint or status or violation or condition or criteria or performance) and ((develop\$4 or build) near3 (software or application or program or target)) and ((updat\$3 near3 profile) or correct\$3 or chang\$3 or problem) and 717/1??	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:33
	4474	(customer or client or end-user or (end adj user)) near3 satisfaction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:34
	71	(customer or client or end-user or (end adj user)) near3 satisfaction and (issu\$3 near3 report)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:35

7 Software quality management system. Part 1: requirements. Adopted from standards Australia

IEEE Std 1298-1992; AS 3563.1-1991 , 22 Feb. 1993

[Abstract] [PDF Full-Text (1192 KB)] IEEE STD

20 A framework for software engineering inconsistencies analysis and reduction*Toffolon, C.; Dakhli, S.;*

Computer Software and Applications Conference, 1998. COMPSAC '98.

Proceedings. The Twenty-Second Annual International , 19-21 Aug. 1998

Pages:270 - 277

[\[Abstract\]](#) [\[PDF Full-Text \(64 KB\)\]](#) [IEEE CNF](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used software developer contract

Found 22,892 of 142,983

Sort results by Save results to a Binder

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results Search Tips

Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale

1 Gatekeepers in the action structure of software contracting: a case study of the evolution of user-developer relationships

Ari Heiskanen, Jouni Similä

May 1992 **Proceedings of the 1992 ACM SIGCPR conference on Computer personnel research**Full text available: [pdf\(1.39 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

2 Responsibility for unreliable software

Nancy J. Wahl

November 1994 **Proceedings of the conference on Ethics in the computer age**Full text available: [pdf\(210.07 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Unreliable software exposes software developers and distributors to legal risks. Under certain circumstances, the developer and distributor of unreliable software can be sued. To avoid lawsuits, software developers should do the following: determine what the risks are, understand the extent of the risks, and identify ways of avoiding the risks and lessening the consequences of the risks. Liability issues associated with unreliable software are explored in this article.

3 Evolving concepts, or why users often don't recognize the software they asked for

Gary Mrenak

July 1990 **Proceedings of the seventh Washington Ada symposium on Ada**Full text available: [pdf\(585.66 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

4 Incorporating the client's role in a software engineering course

Jennifer A. Polack-Wahl

March 1999 **ACM SIGCSE Bulletin, The proceedings of the thirtieth SIGCSE technical symposium on Computer science education**, Volume 31 Issue 1Full text available: [pdf\(637.74 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In today's society it is important for graduates of the computer science/information system programs to be able to interact with clients effectively. Students need to understand how a client feels and acts during the development of a software system. This paper describes the

organization, motive, and experience with an Application Development Course that addresses these issues.

Keywords: computer science education, software engineering

5 Software evolution in componentware using requirements/assurances contracts 

Andreas Rausch

June 2000 **Proceedings of the 22nd international conference on Software engineering**

Full text available:  pdf(380.35 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In practice, pure top-down and refinement-based development processes are not sufficient. Usually, an iterative and incremental approach is applied instead. Existing methodologies, however, do not support such evolutionary development processes very well. In this paper, we present the basic concepts of an overall methodology based on component ware and software evolution. The foundation of our methodology is a novel, well-founded model for component-based systems. This mode ...

Keywords: componentware, contracts, description techniques, formal methods, object-orientation, software architecture, software evolution

6 Investigating the use of analysis contracts to support fault isolation in object oriented code 

L. C. Briand, Y. Labiche, H. Sun

July 2002 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 2002 ACM SIGSOFT international symposium on Software testing and analysis**, Volume 27 Issue 4

Full text available:  pdf(574.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

A number of activities involved in testing software are known to be difficult and time consuming. Among them is the isolation of faults once failures have been detected. In this paper, we investigate how the instrumentation of contracts could address this issue. Contracts are known to be a useful technique to specify the precondition and postcondition of operations and class invariants, thus making the definition of object-oriented analysis or design elements more precise. Our aim in this paper ...

Keywords: contracts, object-oriented analysis, object-oriented testing, testability

7 Towards better software projects and contracts: commitment specifications in software development projects 

Jyrki Kontio, Olli Pitkänen, Reijo Sulonen

April 1998 **Proceedings of the 20th international conference on Software engineering**

Full text available:  pdf(450.02 KB)

 Publisher Site

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8 Posters and research demonstrations: Reasoning about the correctness of software development process 

Claudia Pons, Gabriel Baum

May 2002 **Proceedings of the 24th international conference on Software engineering**

Full text available:  pdf(112.99 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

9 Flexible support for cooperation in software development

Shem M. J. Lacroix, D. Roelants, J. E. Waroquier

May 1991 **Proceedings of the 3rd international workshop on Software configuration management**

Full text available:  pdf(708.52 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



10 A framework for studying the coordination process in software engineering

Claudine Toffolon, Salem Dakhli

March 2000 **Proceedings of the 2000 ACM symposium on Applied computing**

Full text available:  pdf(584.83 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



Keywords: coordination process, organizational procedure, project actor, project space, software model

11 Process assessments in NASA

Marilyn W. Bush

May 1991 **Proceedings of the 13th international conference on Software engineering**

Full text available:  pdf(546.49 KB) Additional Information: [full citation](#), [references](#)



12 Software compatibility and the law

Pamela Samuelson

August 1995 **Communications of the ACM**, Volume 38 Issue 8

Full text available:  pdf(195.39 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



13 Comparing software development methodologies for Ada: a study plan

Peter Freeman, Anthony I. Wasserman, Raymond C. Houghton

July 1984 **ACM SIGSOFT Software Engineering Notes**, Volume 9 Issue 4

Full text available:  pdf(1.64 MB) Additional Information: [full citation](#)



14 M3 (panel): MIL-STD-SDD: the next generation of software development standards

Lewis Gray

October 1993 **Proceedings of the conference on TRI-Ada '93**

Full text available:  pdf(383.06 KB) Additional Information: [full citation](#), [index terms](#)



15 Software engineering environment: Rule-based process servers for software development environments

Steven S. Popovich

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**

Full text available:  pdf(1.87 MB) Additional Information: [full citation](#), [abstract](#), [references](#)



Most SDEs are either *integrated toolsets* or *process-based environments*. Process-based environments have obvious advantages in support for the development process, while integrated toolsets have advantages in usability and convenience. By integrating the two approaches, the benefits of both are obtained. Direct integration, however, is not always possible, because the process engine's integration mechanism may conflict with that of the toolset. The solution is to center the environme ...

16 Object-oriented, single-source, on-line documents that update themselves

Susan Korgen

October 1996 **Proceedings of the 14th annual international conference on Systems documentation: Marshaling new technological forces: building a corporate, academic, and user-oriented triangle**

Full text available: [pdf\(757.84 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



17 Verification, validation and accreditation: Capability maturity models support of modeling and simulation verification, validation, and accreditation

Candace L. Conwell, Rosemary Enright, Marcia A. Stutzman

December 2000 **Proceedings of the 32nd conference on Winter simulation**

Full text available: [pdf\(418.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Both government and industry are involved in the acquisition and development of modeling and simulation (M&S) products. The effectiveness and maturity of an organization's acquisition process directly affect the cost, schedule, and quality of the M&S products that are delivered to the user. When M&S program sponsors implement best practices throughout acquisition, critical verification, and validation (V&V) tasks can be conducted without inordinate cost. Department of Defense (DoD) Instruction 5 ...

18 Components: Building trust in third-party components using component wrappers in the .NET frameworks

Christine A. Mingins, Chee Y. Chan

February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications - Volume 10**

Full text available: [pdf\(506.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Software purchasers are often provided with very sparse information about how to correctly deploy software components. We describe a novel contract-based approach to building trust in third party components. In contrast to the usual approach where contracts specifying the software semantics are constructed at the time of source code generation, we retrofit existing components with Contract wrappers. Sets of client requirements on the component are expressed in terms of software contracts using t ...

Keywords: design by contract, software components, software quality, wrappers

19 Does information really have to be licensed?

Pamela Samuelson

September 1998 **Communications of the ACM**, Volume 41 Issue 9

Full text available: [pdf\(264.31 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)



20 Transition to object-oriented software development

Mohamed E. Fayad, Wei-Tek Tsai, Milton L. Fulghum

February 1996 **Communications of the ACM**, Volume 39 Issue 2

Full text available: [!\[\]\(869f8db8cb6058a4d20fc99f4521bf06_img.jpg\) pdf\(451.14 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [!\[\]\(1a2e9c86c2a63dd0890db1012b677415_img.jpg\) Adobe Acrobat](#) [!\[\]\(870b3db475a137840e637d25cb4efd5b_img.jpg\) QuickTime](#) [!\[\]\(253b4e0cbe61a373b04f8a7bf0cedaf6_img.jpg\) Windows Media Player](#) [!\[\]\(c2a45b4e7165bcf8484ef4438f3189ad_img.jpg\) Real Player](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)



[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)

IEEE Xplore®
RELEASE 1.8

Welcome
United States Patent and Trademark Office



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

Try our New Full-text Search Prototype **GO**

[Help](#)

- 1) Enter keywords in one or more text boxes.
- 2) Select the fields to search for each keyword.
- 3) Select search operators when using multiple keywords.
- 4) Limit the results by selecting Search Options.
- 5) Click Search. See [Search Examples](#)

software In: All Fields

And

developer In: All Fields

And

contract In: All Fields

Search **Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search Options:

Select publication types:

- IEEE Journals
- IEE Journals
- IEEE Conference proceedings
- IEE Conference proceedings
- IEEE Standards

Select years to search:

From year: to

Organize search results by:

- Sort by:
- In: order
- List Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved